UNITED STATES LITTLE LAKE QUADRANGLE DEPARTMENT OF THE INTERIOR **CALIFORNIA** GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 118° 00′ 57' 30" older alluvium FER 199, Figure 2a Recently active faults based on the interpretation of aerial photographs and limited field checking by Wills (this report). See explanation for Sierra @744Jt sources of data. Faults recommended for zoning highlighted in yellow. Cinder Hill RIDHIU LAWD D EXPLANATION 0 Traces of recently active faults mapped by Wills (this report) based in part on Duffield and Bacon (1981) and Roquemore S (1981). Solid line indicated well-defined faults, dashed where less well-defined break in slope of 50 f/c 6/17/88 or discontinuous, queried where uncertain; tick-marks on down-dropped side of scarp. f/c indicates locality field checked. 9 locality referred to in text broad Nev bench Geomorphic features indicating fault location and/or recency tonal tonal ada closed depression right-laterally deflected drainage dd faceted spur fs linear drainage ld linear ridge lr 2 degraded side-hill bench scarps in tonal lineament V alluvium WENCH 14 SAIR. M W; 57' 30" 57′ 30″ LIXXIO ×66487 rolder alluvium × 73131 ×39827 Canyon -sho, flc 6/17/88 dd Id, springs 1 + flc 6/17/88 76587 ×66287 45847 ×52737 basalt flow deflected drainage X (Pleistocene Ovens River of Duffield and Smith (1978) 55′ ×62047 ×69681 opposing scarps Fivemile maximum extension across depression (87175I trench location (Roquemore, 1981) pull-apart depression ×32827 Pleistocene basalt (~ 400 ka) T24S 200 0<u>00</u> FEET 35° 52′ 30″ 118° 00′ 417 57' 30" 420000m E 117° 52′ 30″ SCALE 1:24 000 ROAD LEGEND **KILOMETERS** PROJECTION LAMBERT CONFORMAL CONIC
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ... ZONI: 11
10,000-FOOT STATE GRID TICKS ... CALIFORNIA, ZONE: 41
4 UTM GRID DECLINATION ... 0°33' WEST
1980 MAGNETIC NORTH DECLINATION ... 15° EAST
VERTICAL DATUM ... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ... 1927 NORTH AMERICAN DATUM **METERS** Improved Road... 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000 FEET Trail ... QUADRANGLE LOCATION Interstate Route U.S. Route State Route CONTOUR INTERVAL 40 FEET SUPPLEMENTARY CONTOUR INTERVAL 20 FEET To place on the predicted North American Datum of 1983, 1 Long Canyon
2 Coso Junction
3 Cactus Peak
4 Sacatar Canyon
5 Volcano Peak
6 Lamont Peak
7 Ninemile Canyon
8 Pearsonville move the projection lines as shown by dashed corner ticks PROVISIONAL MAP (7 meters north/83 meters east) To convert meters to feet multiply by 3.2808 To convert feet to meters multiply by 0.3048There may be private inholdings within the boundaries of any Produced from original LITTLE LAKE, CALIF. Federal and State Reservations shown on this map manuscript drawings. Infor-Where omitted, land lines have not been established **PROVISIONAL EDITION 1983** mation shown as of date of or are not shown because of insufficient data THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092 field check. 35117-H8-TF-024 ADJOINING 7.5' QUADRANGLE NAMES